PROJECT DESCRIPTION

GENERAL

THIS PROJECT INVOLVES THE MODIFICATION OF THE EXISTING TRAFFIC CONTROL SIGNAL BY INSTALLING AN EXCLUSIVE /PERMISSIVE LEFT TURN PHASE ON THE WESTBOUND APPROACH OF MD 155 (LEVEL ROAD) TO CANVASBACK DRIVE LOCATED IN HARFORD COUNTY. MD 155 IS ASSUMED TO RUN IN AN EAST-WEST DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION IS TO OPERATE IN A NEMA FOUR (4) PHASE , FULL-TRAFFIC-ACTUATED MODE. THE MD 155 THROUGH MOVEMENTS WILL RUN CONCURRENTLY AND THE CANVASBACK DRIVE MOVEMENT WILL OPERATE ALONE. EXCLUSIVE/PERMISSIVE LEFT-TURN PHASING WILL BE PROVIDED FOR WESTBOUND APPROACH OF MD 155 TO CANVASBACK DRIVE.

CONTROLLER REQUIREMENTS

THE EXISTING BASE MOUNTED CABINET AND CONTROLLER SHALL BE USED.

MAINTENANCE OF TRAFFIC

THE FOLLOWING TRAFFIC CONTROL STANDARDS SHALL BE REFERENCED FOR THE PROJECT.

STANDARD NO. MD-104.00 - 104.00-30

STANDARD NO. MD-104.37-01 (LEFT LANE CLOSURE)

STANDARD NO. MD-104.38-01 (RIGHT LANE CLOSURE) STANDARD NO. MD-104.41-01 (INTERSECTION FAR-RIGHT

LANE CLOSURE) STANDARD NO. MD-104.43-01 (SHOULDER WORK)

STANDARD NO. MD-104.44-01 (LEFT LANE CLOSURE)

STANDARD NO. MD-104.45-01 (RIGHT LANE CLOSURE)

STANDARD NO. MD-104.46-01 (CENTER LANE CLOSURE)

STANDARD NO. MD-104.48-01 (INTERSECTION TURN BAY LANE CLOSURE)

STANDARD NO. MD-104.49-01 (SHOULDER WORK)

PROJECT CONTACTS

THE CONTACT PERSONS FOR SHA ARE AS FOLLOWS:

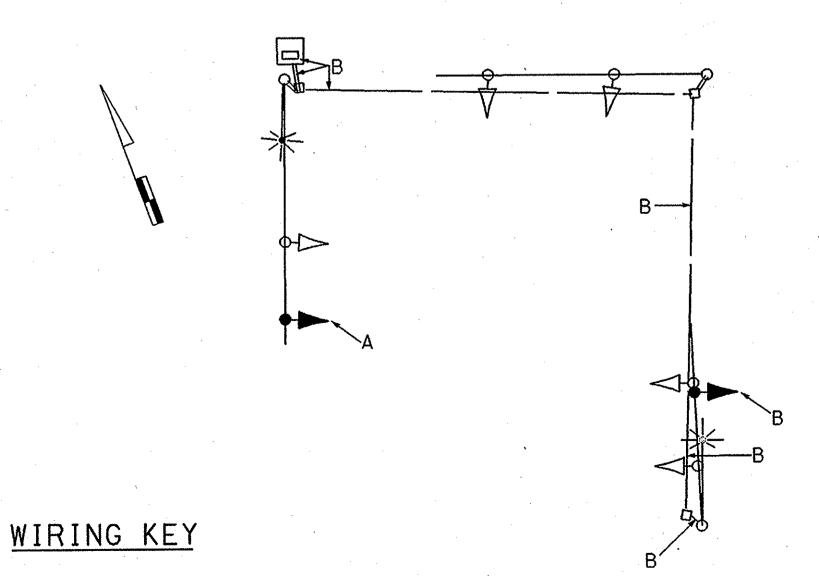
MR. RANDALL SCOTT ASSISTANT DISTRICT ENGINEER - TRAFFIC PHONE: (410) 321-2781/2785

MR. STEVE MARCISZEWSKI ASSISTANT DISTRICT ENGINEER - MAINTENANCE PHONE: (410) 321-2761

MR. MIKE PASQUARIELLO DISTRICT UTILITY ENGINEER PHONE: (410) 321-2841

MR. RICHARD L. DAFF. SR. CHIEF. TRAFFIC OPERATIONS DIVISION PHONE: (410) 787-7630

WIRING DIAGRAM



A - USE EXISTING CABLE

A. EQUIPMENT TO BE FURNISHED BY THE STATE HIGHWAY ADMINISTRATION

ITEM NO.

QUANTITY

DESCRIPTION

9001

9002

7 EA

3 EA

12 INCH 1- WAY, 1-SECTION SIGNAL HEAD, MAST ARM MOUNTED

8" 1- WAY, 1-SECTION SIGNAL HEAD, MAST ARM MOUNTED

B. EQUIPMENT TO BE INSTALLED BY THE STATE HIGHWAY ADMINISTRATION

ITEM NO.

QUANTITY

DESCRIPTION

8001

230 LF

FURNISH AND INSTALL ELECTRICAL CABLE - 7 CONDUCTOR (NO. 14 A.W.G.)

8002

1 EA

REMOVE AND DISPOSE OF EXISTING MATERIAL AND EQUIPMENT AS PER ASSIGNMENT

8003

2 EA

INSTALL SIGNAL HEAD

C. EQUIPMENT TO BE INSTALLED BY THE STATE HIGHWAY ADMINISTRATION

ITEM NO.

QUANTITY

DESCRIPTION

N/A

PHASE CHART

1 -	2	3	4	5	6	7
R Y G	RYG	Q G G	R Y-Y G-G	(R) (S) (S)	R >G	R Y G

PHASE 2 AND 5	G	G	⊲G–G	⊲G–G	G	R	R	4
5 CHANGE	Y	Υ	⊲Y-G	⊲Y-G	G	R	R	V
PHASE 2 AND 6	G	G	G	G	G	R	R	4
2 AND 6 CHANGE	Υ	Υ	Υ	Υ	Υ	R	R	
PHASE 4	R	R	R	R	R	G	G	A
4 CHANGE	R	R	R	R	R	Υ	Υ	
FLASHING	EI A	EL A	EI /	FL /Y		EI /D	EI /D	A
OPERATION	FL/1		FL/1		FL. / 1	I'L/K	1 1 / 1	- +►



DECETED: Mandai Calabar 02 2006 of 0-40-62 AM

STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION

OFFICE OF TRAFFIC & SAFETY

TRAFFIC ENGINEERING DESIGN DIVISION

GENERAL INFORMATION SHEET MD 155 AND CANVASBACK DRIVE

SCALE NONE	DATE 9/30	/05 c	ONTRACT NO. SF SIGNAL
DESIGNED BY DRAWN BY CHECKED BY FAP NO	G. PANCHOLI G. PANCHOLI D. DODA N/A	LOGMILE TIMS NO.	HARFORD 12015507-57 H291
TS NO. 3836A	DRAWING	OF	SHEET NO. 2 OF 2